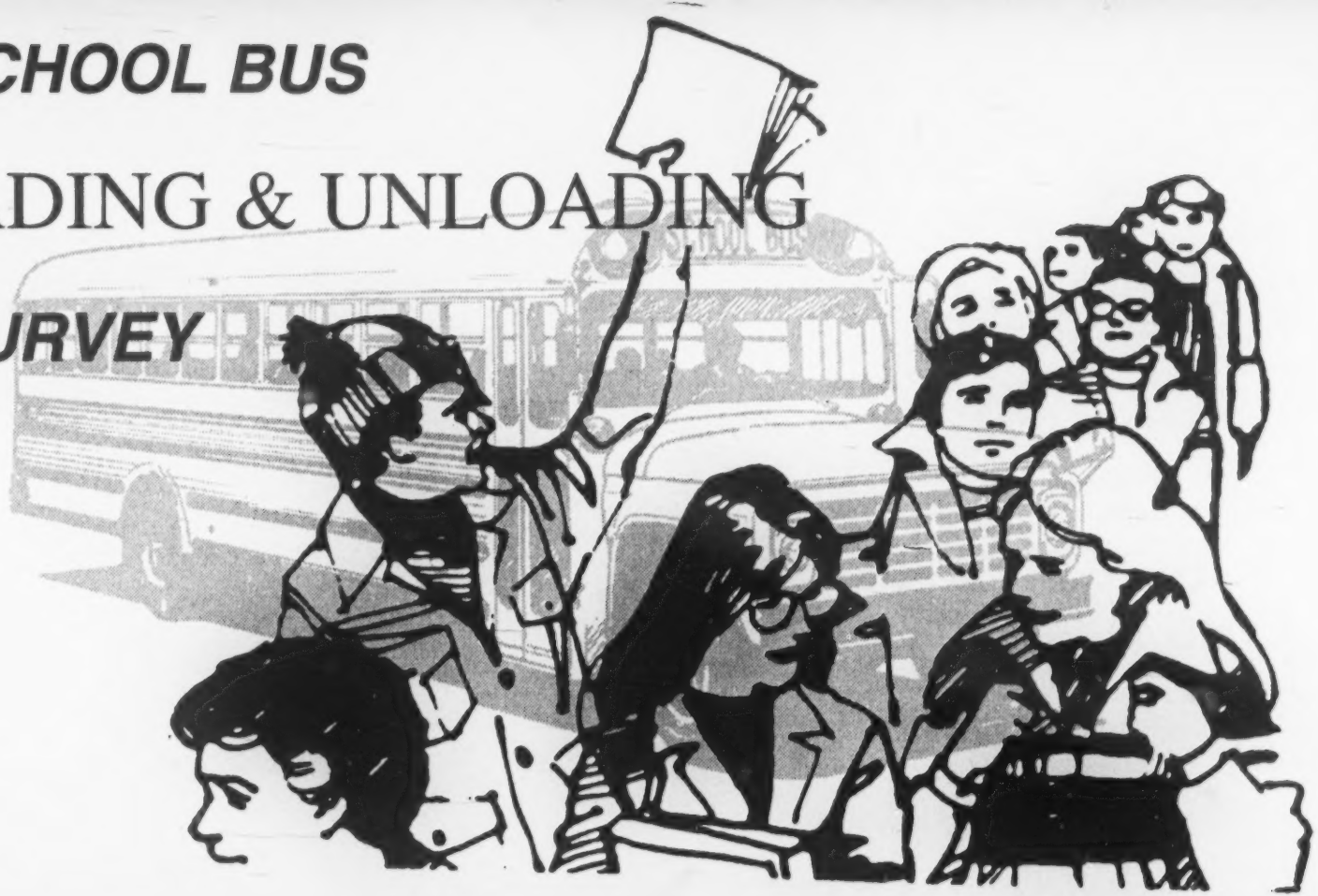
SCHOOL BUS

LOADING & UNLOADING

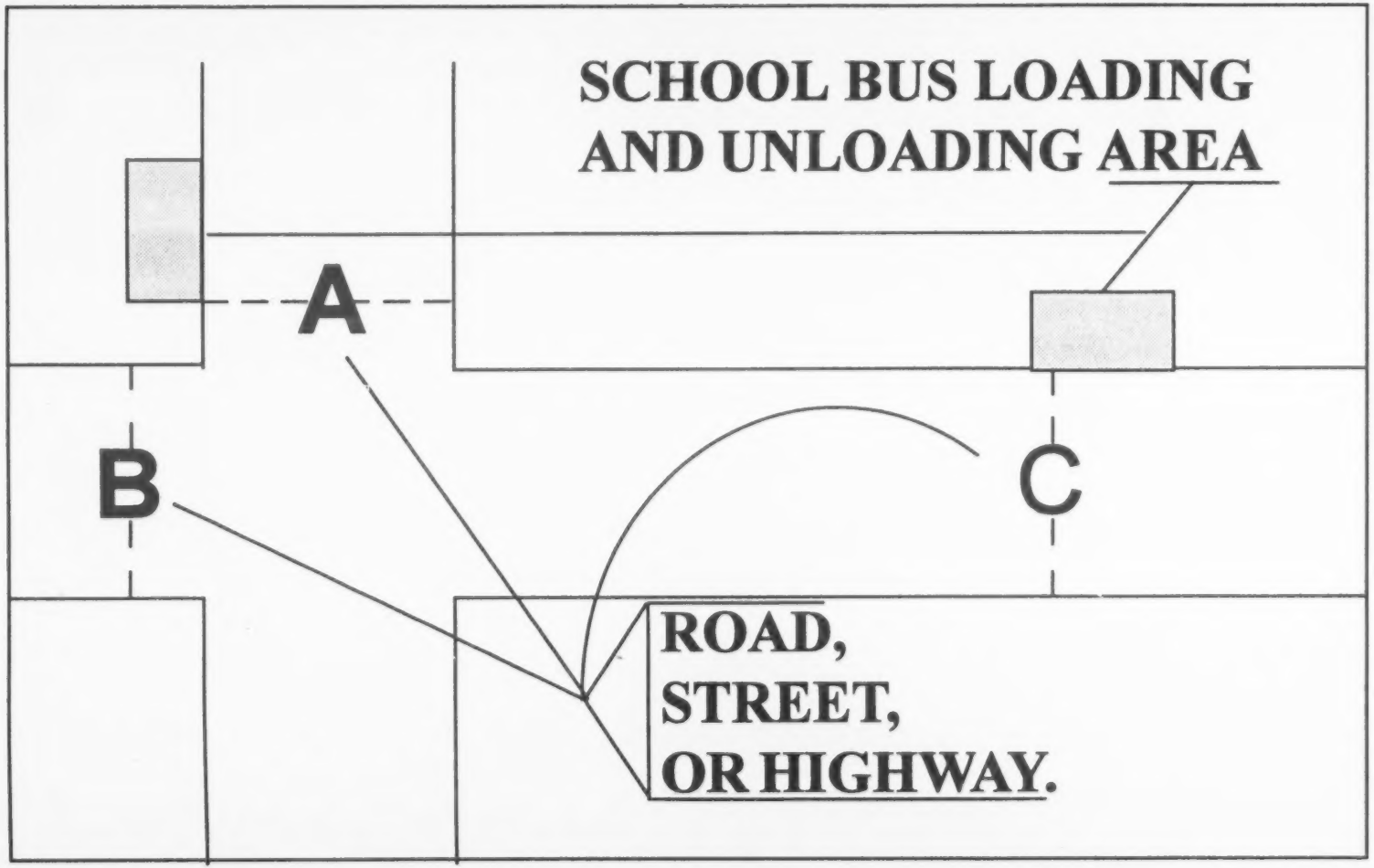
SURVEY



CALENDAR YEAR 1992 SCHOOL YEAR 92-93

S3040-92-D

The National School Bus Loading and Unloading Survey is a collection of fatality accident records provided by the state agencies responsible for school transportation safety and/or accident records. Only those fatality accidents involving school children in or around the loading or unloading areas of a school bus are included in this survey. On board fatalities are excluded.


SCHOOL BUS LOADING
AND UNLOADING AREA
A
B
C
ROAD,
STREET,
OR HIGHWAY.

50 States and Washington, D.C. surveyed

	1989	1990	1991	1992
Number reporting fatalities	16	16	17	17
Number reporting no fatalities ...	34	35	33	33
Number not reporting	1	0	1	1

School Children Killed by School Bus

Child's position when killed	1989	1990	1991	1992
Front of Bus	9	10	6	9
Back of Bus	5	2	4	2
Total	14	12	10	11

School Children Killed by Vehicle Passing School Bus

	1989	1990	1991	1992
Total	3	6	7	6
Other	0	0	3	5
No Information	0	0	0	0
Total Children Killed	17	18	20	22

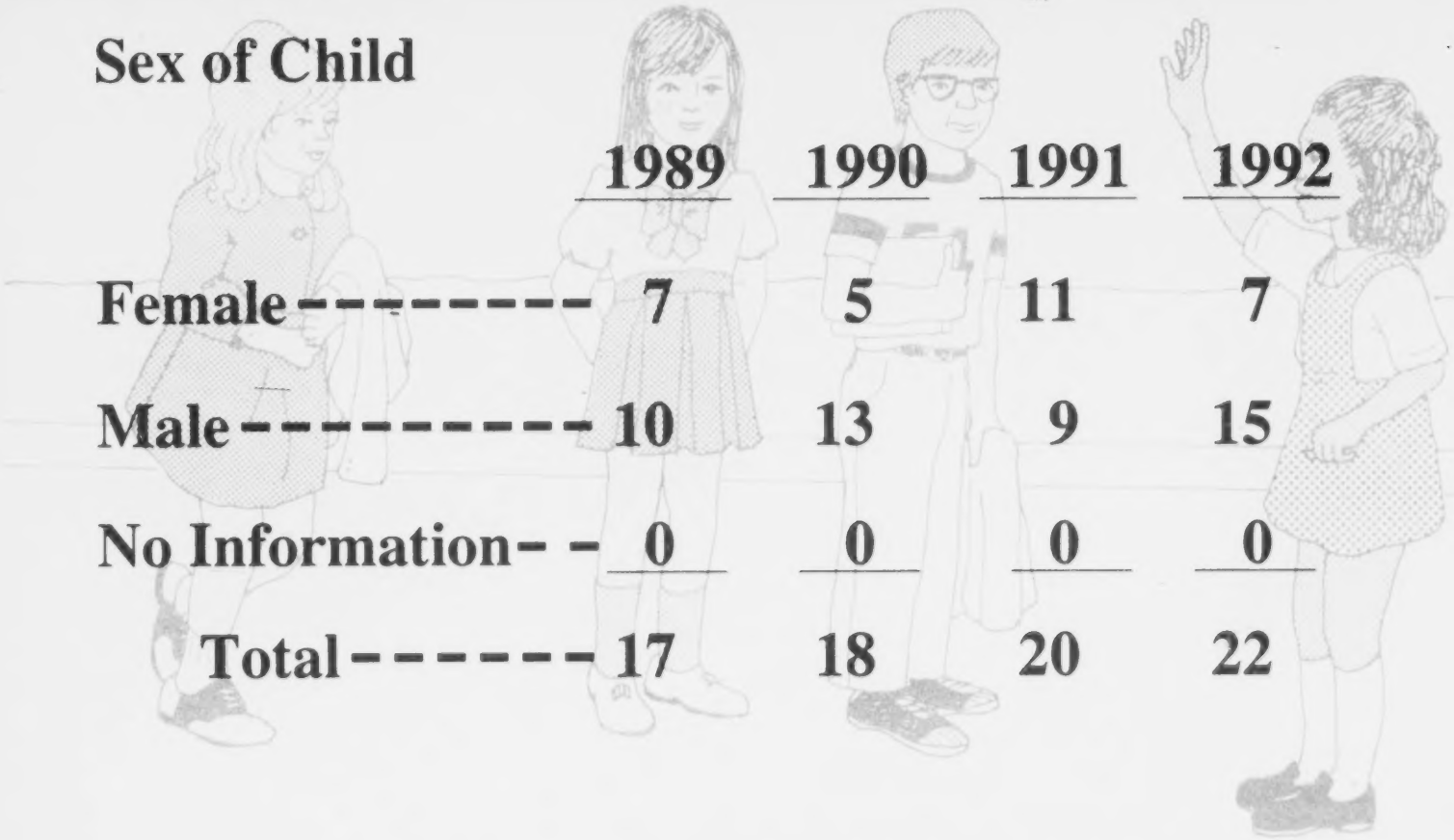
(school bus & other vehicle)

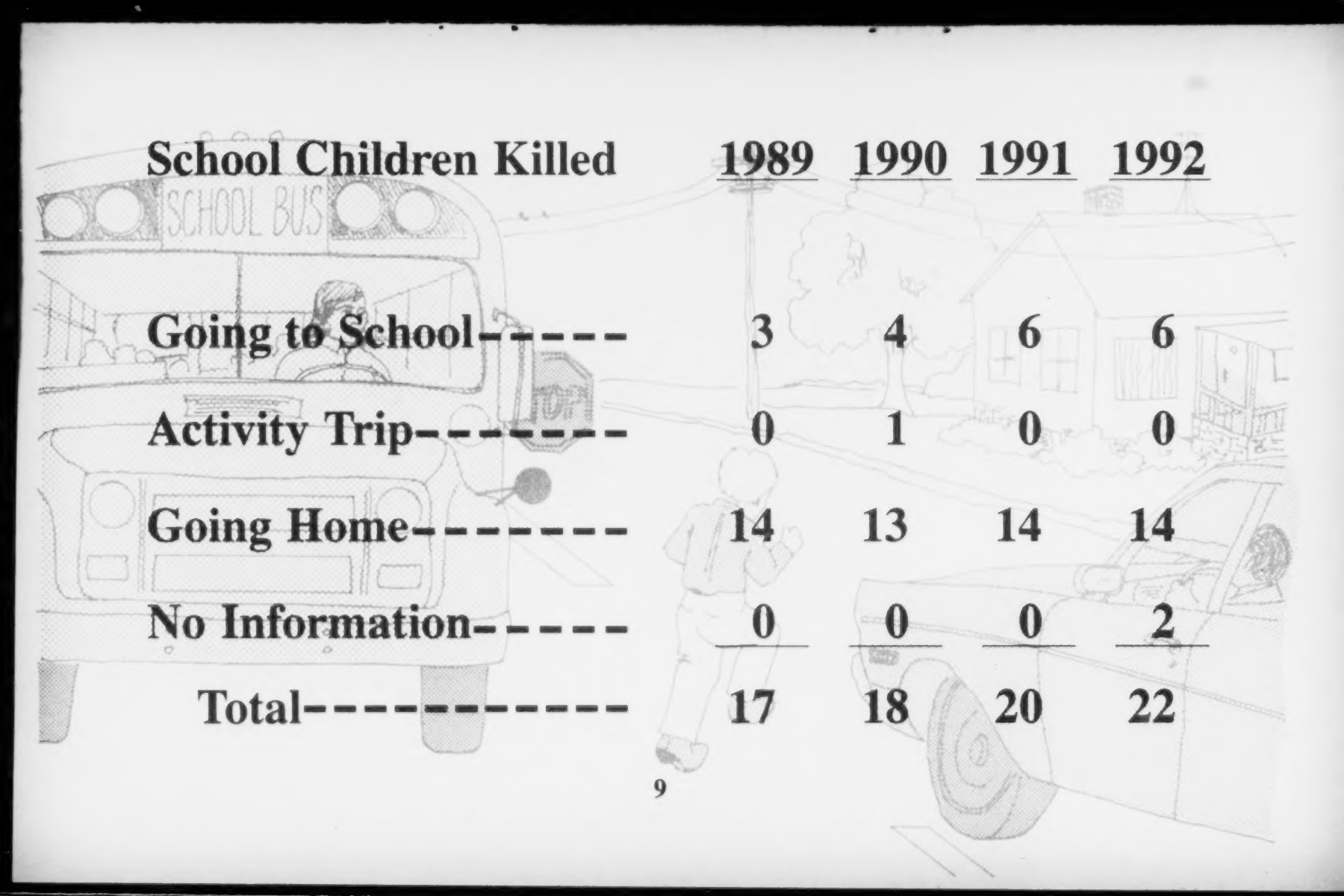
Light Condition	1989	1990	1991	1992
Dawn	0	1	0	3
Dusk	0	0	1	0
Daylight	17	17	19	19
Dark	0	0	0	0
Unknown	0	0	0	0
Total	17	18	20	22

School Bus Size	1989	1990	1991	1992
Type A	3	0	2	1
Type B	0	0	1	0
Type C	9	9	4	9
Type D	2	2	1	1
Other	3	6	9	11
Unknown	0	1	3	0
Total	17	18	20	22

Sex of Child

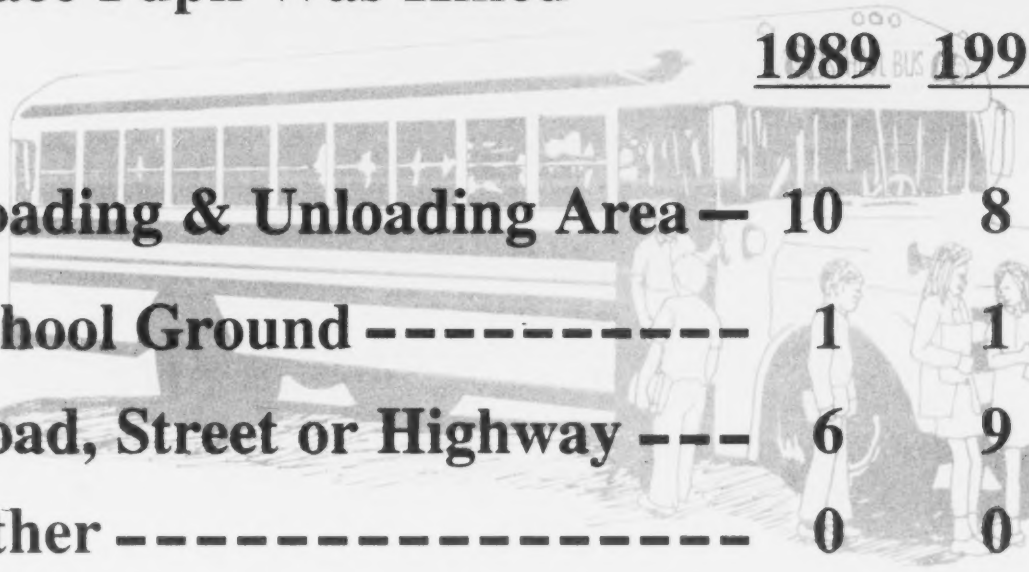
	1989	1990	1991	1992
Female	7	5	11	7
Male	10	13	9	15
No Information	0	0	0	0
Total	17	18	20	22





School Children Killed	1989	1990	1991	1992
Going to School-----	3	4	6	6
Activity Trip-------	0	1	0	0
Going Home-------	14	13	14	14
No Information-----	0	0	0	2
Total----------	17	18	20	22

Place Pupil Was Killed

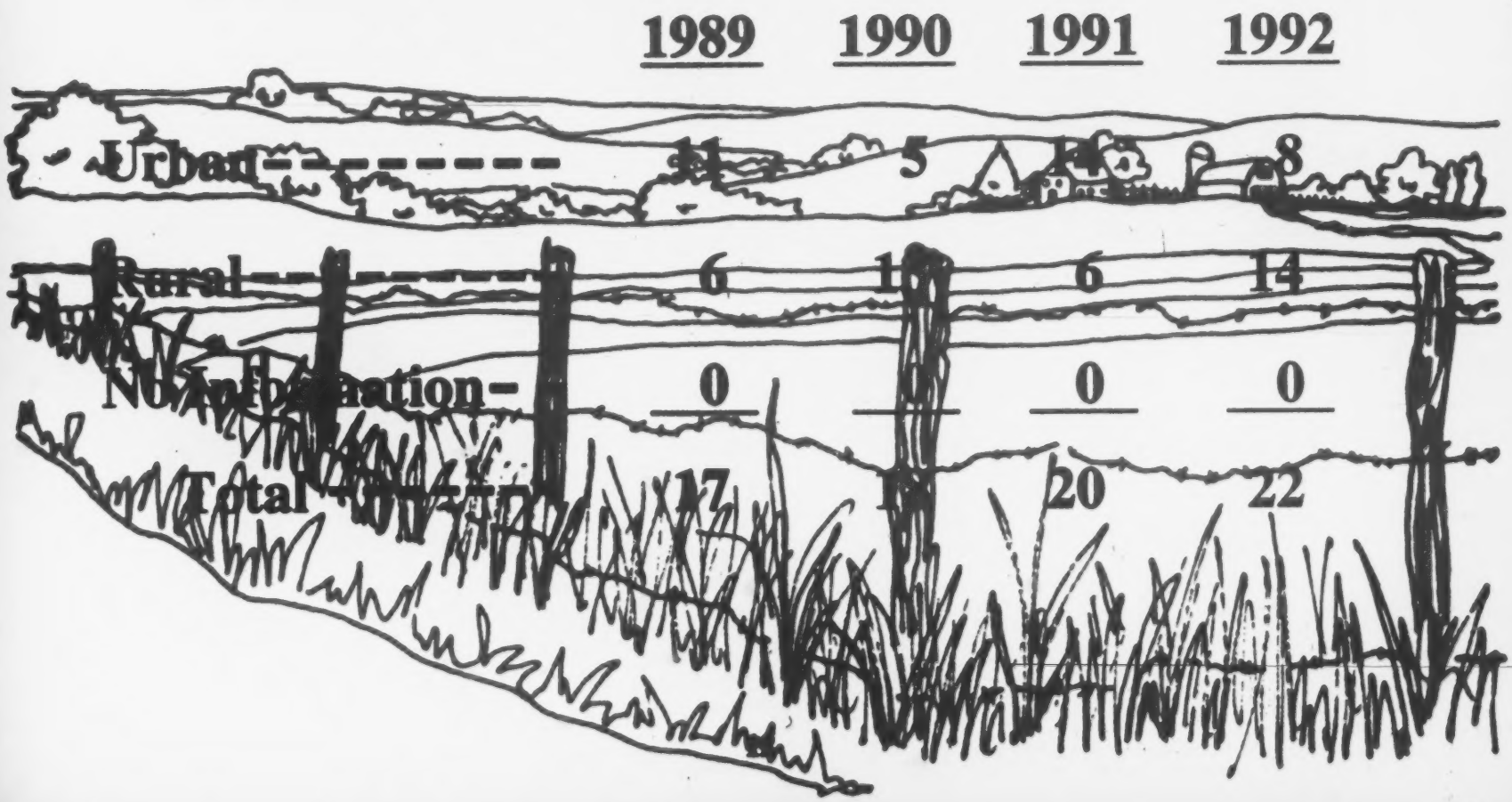


	1989	1990	1991	1992
Loading & Unloading Area	10	8	7	9
School Ground	1	1	3	0
Road, Street or Highway	6	9	10	13
Other	0	0	0	0
No Information	0	0	0	0
Total	17	18	20	22

Age of Pupil Killed

	1989	1990	1991	1992
5 Years Old or Under	0	1	5	8
6 Years Old	6	8	1	3
7 Years Old	6	1	4	3
8 Years Old	1	1	2	3
9 Years Old	1	4	3	1
10-17 Years Old	3	3	5	4
No Information	0	0	0	0
Total	17	18	20	22

Area Accident Occurred



Weather Conditions	1989	1990	1991	1992
Clear	14	14	17	22
Cloudy	0	1	2	0
Rain	3	1	1	0
Snow/Sleet/Ice	0	0	0	0
Fog	0	1	0	0
Unknown	0	1	0	0
Total	17	18	20	22

DAY OF THE WEEK Fatality OCCURRED

	1992 (ONLY)
MONDAY	3
TUESDAY	5
WEDNESDAY	3
THURSDAY	5
FRIDAY	6
SATURDAY	0
SUNDAY	0
UNKNOWN	0

SCHOOL
SCHOOL
SPEED
LIMIT
20
WHEN
FLASHING
WHEN
FLASHING
SCHOOL
SPEED
LIMIT
20
8:30 A.M.
TO 5:30 P.M
STOP
WHEN
CHILDREN
ARE PRESENT
SCHOOL
BUS STOP
AHEAD
WHEN
CHILDREN
ARE PRESENT
R
R

MONTH FATAL ACCIDENT OCCURRED

	1989	1990	1991	1992
JANUARY	0	3	3	7
FEBRUARY	1	1	2	1
MARCH	1	2	2	0
APRIL	2	2	3	3
MAY	4	0	0	1
JUNE	0	0	0	1
JULY	0	0	0	0
AUGUST	2	1	0	1
SEPTEMBER	2	2	3	2
OCTOBER	1	4	4	4
NOVEMBER	1	1	1	1
DECEMBER	2	2	2	1
NO INFORMATION	1	0	0	0
TOTAL	17	18	20	22

ACCIDENT SUMMARY REPORT

1. A 6-year old male was exiting the bus, when a vehicle in the left lane passed the bus and veered off the road into the grass right-of-way striking the pedestrian in a private drive.

2. A 5-year old female had exited and was going in front of the bus when an approaching vehicle did not stop for the bus and struck the pedestrian.

3. A 5-year old female was exiting the bus when an intoxicated driver approaching the bus didn't stop and struck the pedestrian.

4. A 9-year old male was waiting at the loading area for the bus when a truck struck the student and killed him.

5. A 6-year old was going to the bus stop, darted out from behind a blind spot, and was struck by a vehicle.

6. A 7-year old female was exiting the bus, the driver checked the mirrors and didn't see any students, then proceeded and ran over her with the front of the bus.

7. An 8-year old male exited the bus, the driver said he watched him cross in front of the bus then proceeded to pull out in the intersection and struck the student with the front of the bus.

8. A child was struck by the front of the school bus as she entered the intersection from between two (2) parked cars.

9. A 5-year old male was crossing in front of the bus, but the driver did not see the student and struck him with the left rear tire.

10. A 5-year old male had apparently crossed in front of the bus, and then the bus travelled approximately 100 feet before students on the bus alerted the driver that the student was laying in the road.

11. A 6-year old female was exiting the bus when a paper blew out of her hand and the student went to retrieve the paper. The driver started to pull forward, striking the student with both the right front tire and right rear dual tires.

12. A 7-year old female was exiting the bus, started to cross in front and dropped a box of crayons. The student stooped down to pick up the crayons when the driver pulled forward and struck her with the front of the bus, running over her with both right front and rear dual tires.

13. A 5-year old male was running along side of the bus, lost his footing and fell, then was run over by the bus.

14. An elementary student, who was playing around the loading area, jumped on the back bumper of the bus. The driver was unaware of the student, the bus began to pick up speed and the student fell, striking his head on the pavement.

THE ABOVE SUMMARY REPORTS WERE THOSE THAT HAD SUFFICIENT INFORMATION REPORTED TO INCLUDE IN THIS REPORT. THESE ALSO ARE AN OVERALL TYPICAL REPRESENTATION OF THE FATALITY ACCIDENTS WHICH OCCURRED.

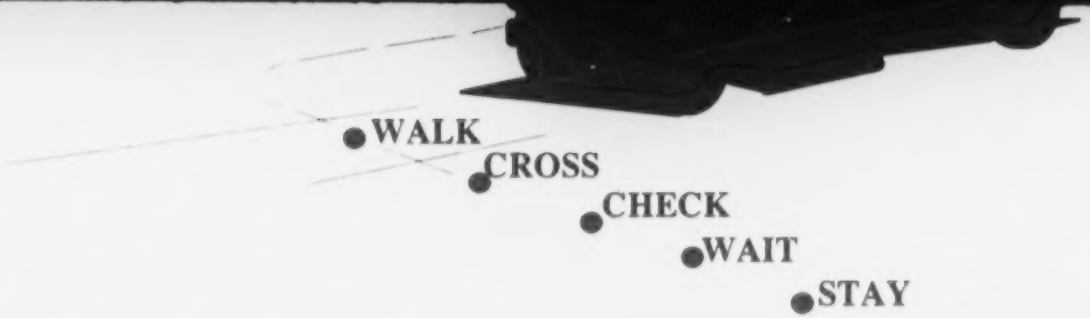
WHEN BOARDING YOUR BUS....

HERE'S HOW TO

CROSS THE ROAD SAFELY

FOLLOW THE 10-FOOT RULE

- **STAY** — ON YOUR SIDE OF THE ROAD- FAR AWAY FROM TRAFFIC
- **WAIT** — FOR THE BUS TO STOP AND FOR YOUR DRIVER'S SIGNAL TO CROSS
- **CHECK** — TRAFFIC BOTH WAYS- THEN CHECK AGAIN
- **CROSS** — WALK DIRECTLY ACROSS CHECKING TRAFFIC BOTH WAYS
- **WALK** — 10 FEET AHEAD OF THE BUMPER AND BOARD BUS QUICKLY

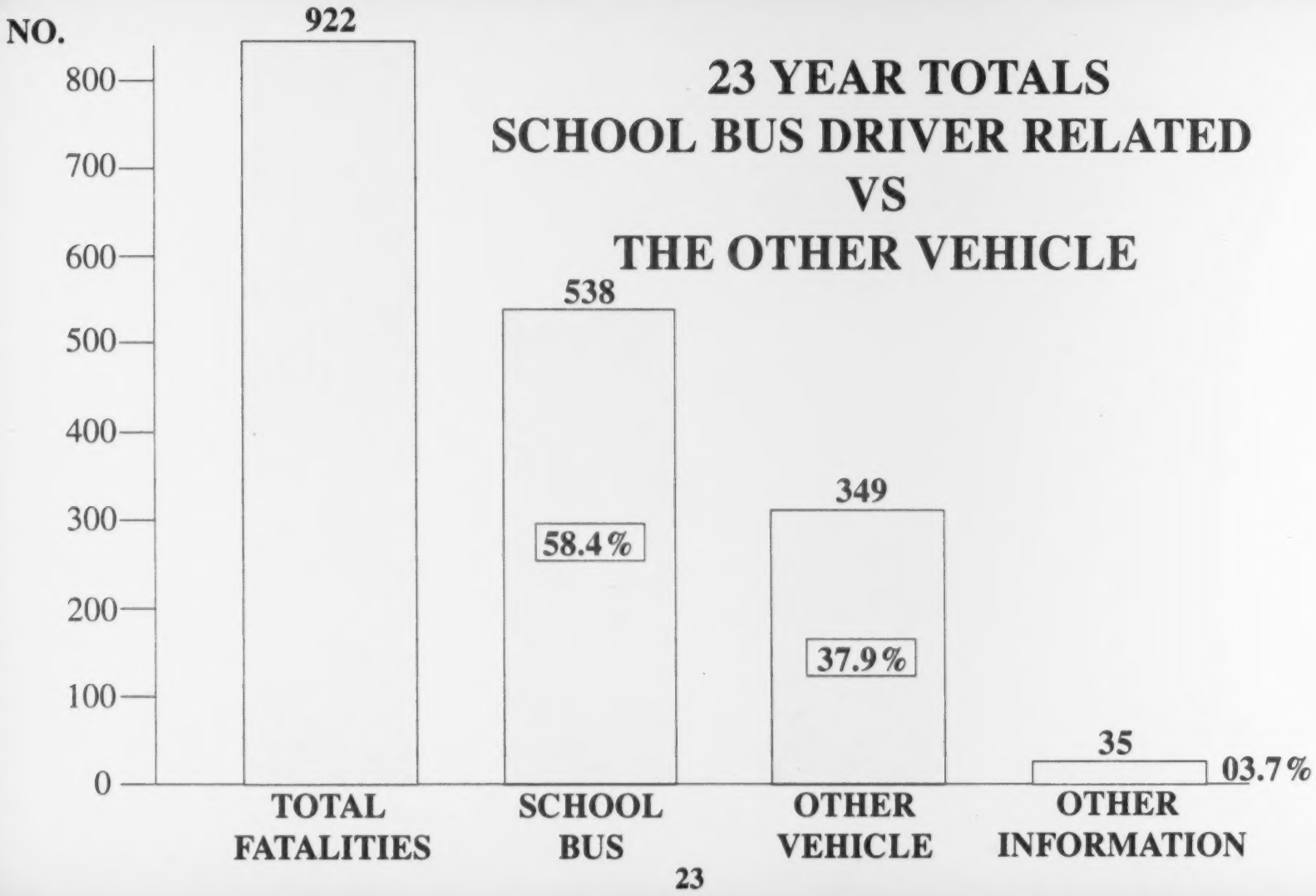


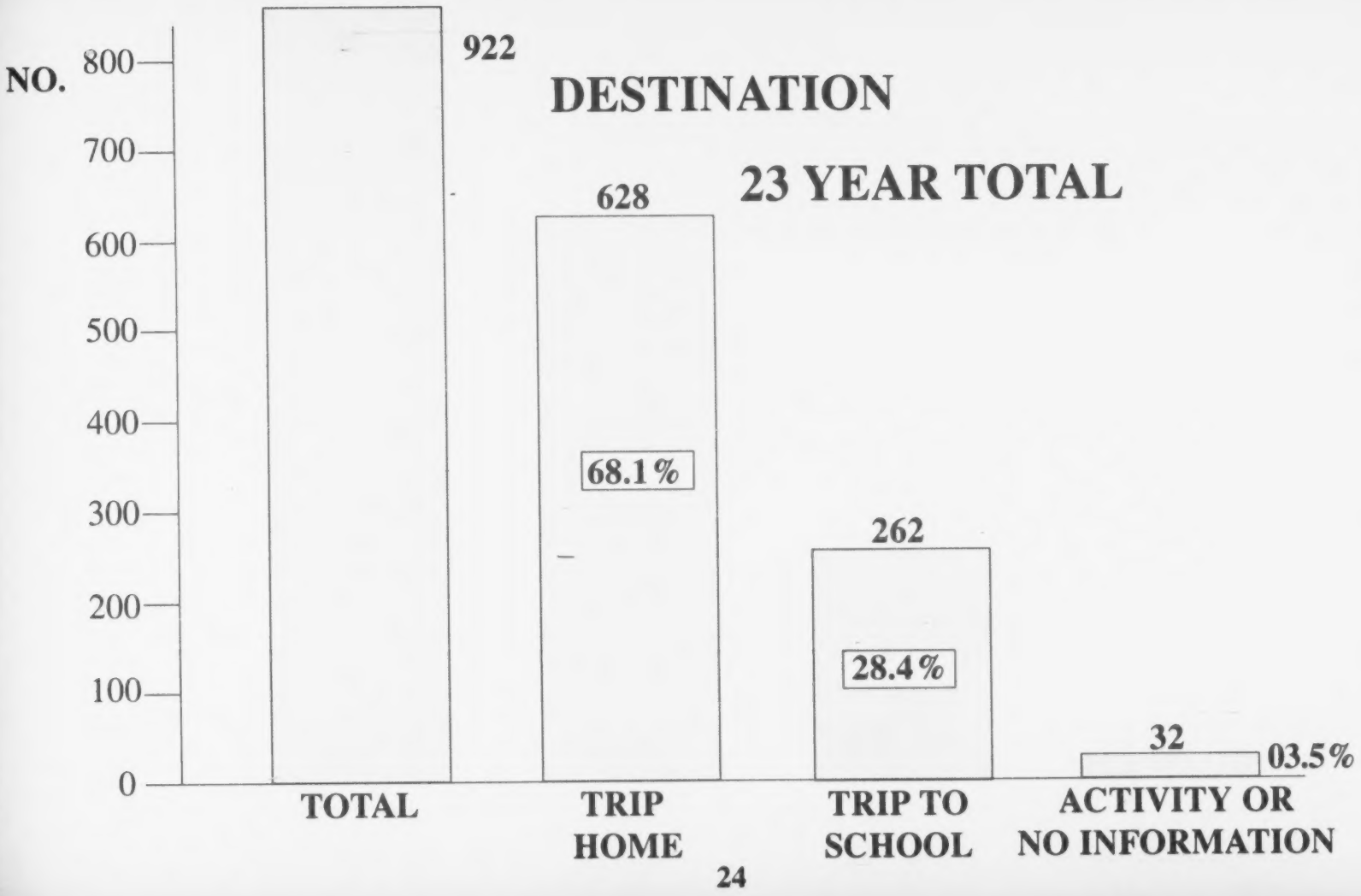
REMEMBER

* STAY ON YOUR SIDE OF THE ROAD UNTIL YOUR DRIVER SIGNALS YOU TO CROSS
* CHECK AND RECHECK FOR TRAFFIC
* FOLLOW THE 10-FOOT RULE
* BOARD BUS QUICKLY-
  GO DIRECTLY TO YOUR SEAT

DRIVERS SHOULD STOP - BUT THEY MAY NOT!

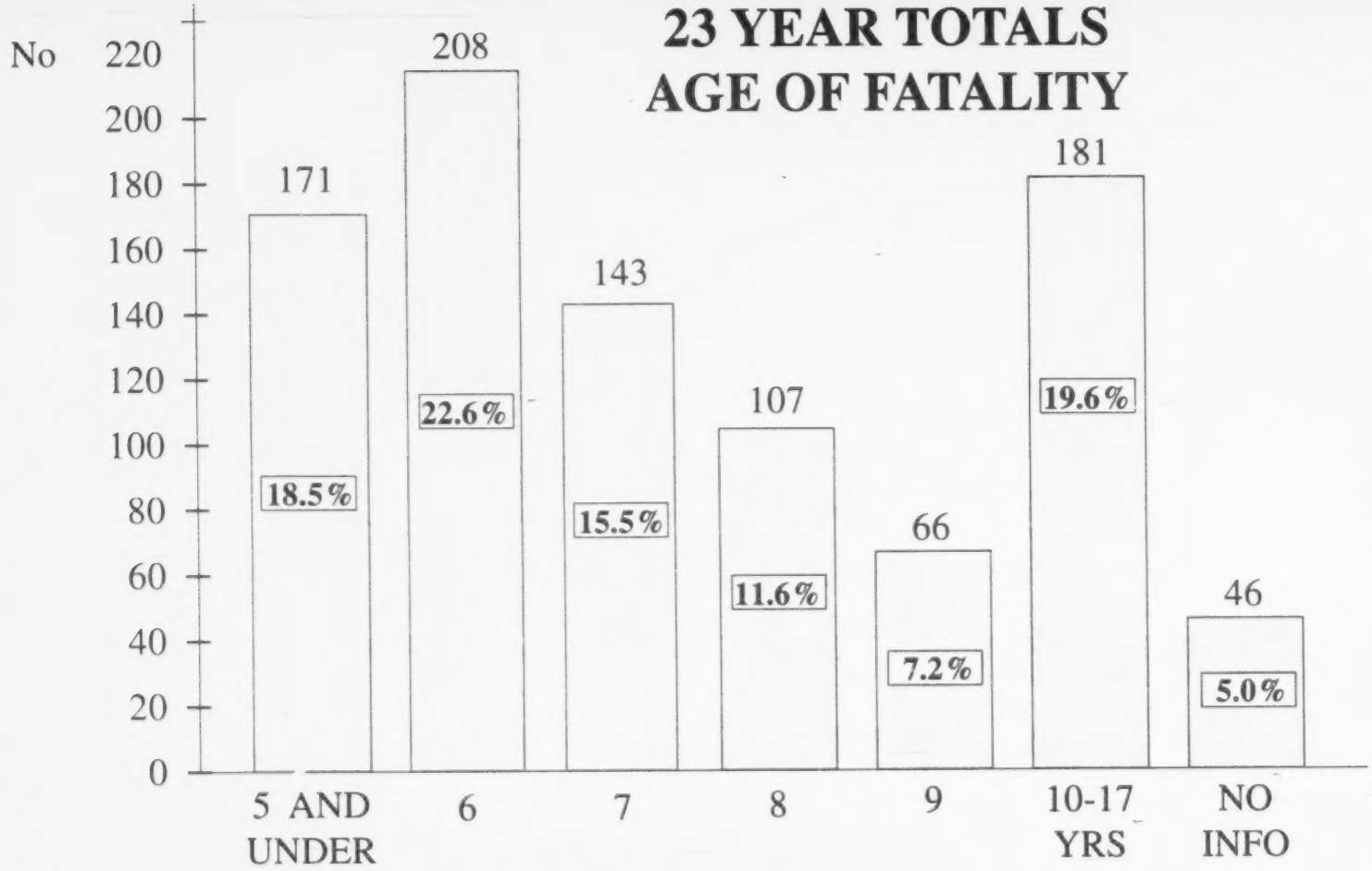
STATES	NUMBER OF FATALITIES REPORTED	STATES	NUMBER OF FATALITIES REPORTED
Alabama	0	Montana	0
Alaska	0	Nebraska	1
Arizona	0	Nevada	0
Arkansas	0	New Hampshire	0
California	0	New Jersey	1
Colorado	0	New Mexico	1
Connecticut	1	New York	0
Delaware	0	North Carolina	1
Florida	1	North Dakota	0
Georgia	0	Ohio	0
Hawaii	0	Oklahoma	0
Idaho	0	Oregon	0
Illinois	1	Pennsylvania	1
Indiana	2	Rhode Island	0
Iowa	0	South Carolina	2
Kansas	0	South Dakota	0
Kentucky	1	Tennessee	1
Louisiana	N/A	Texas	2
Maine	0	Utah	0
Maryland	1	Vermont	0
Massachusetts	0	Virginia	0
Michigan	2	Washington	0
Minnesota	0	Washington DC	0
Mississippi	2	West Virginia	0
Missouri	1	Wisconsin	0
		Wyoming	0
		TOTAL FATALITIES	22


NO.
800
700
600
500
400
300
200
100
0
922
538
58.4%
349
37.9%
35
03.7%
23 YEAR TOTALS
SCHOOL BUS DRIVER RELATED
VS
THE OTHER VEHICLE
TOTAL FATALITIES
SCHOOL BUS
OTHER VEHICLE
OTHER INFORMATION



DESTINATION

23 YEAR TOTAL


23 YEAR TOTALS
AGE OF FATALITY
No
220
200
180
160
140
120
100
80
60
40
20
0
171
208
143
107
66
181
46
18.5%
22.6%
15.5%
11.6%
7.2%
19.6%
5.0%
5 AND UNDER
6
7
8
9
10-17 YRS
NO INFO
AGE OF STUDENT

SUMMARY

- 629 fatalities occurred to students 5, 6, 7 & 8 yrs. of age, or 68% of total

- Students departing bus on way home involved in 68.1% of all fatalities in the study

- School bus related accidents out number those involving "the other vehicle" by 65% for 1992

- In the 89-92 calendar years, the school bus was involved in 61% of the accidents or 47 of the 77 fatalities that occurred

This survey is provided annually to the school transportation industry in an effort to alert individuals and organizations of the dangers involved in loading and unloading school children. Fatalities continue to occur at the bus stop, caused by a variety of circumstances and errors on the part of the school bus driver or a passing motorist. It points out the continuing need for forceful, advanced instruction to school bus drivers and the need to increase our efforts to thoroughly inform the driving public about the requirements of the school bus stop law.

Limited quantities of this document are available from the address provided below. Please feel free to reproduce and utilize the survey data as desired, as it is provided specifically for this purpose.

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